Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 11 Aug 2020 until 23:59 on Wednesday 12 Aug 2020

Forecast Issued on Monday 10 Aug 2020 at 16:14

Confidence: High confidence in the overall trend, but low confidence in the detail of heavy showers and thunderstorms.

Headline for Tuesday 11 Aug 2020: Largely dry with bright or sunny spells. Risk of isolated heavy shower or thunderstorm late-afternoon and evening. Very warm and humid too.

Mountain weather hazards on Tuesday 11 Aug 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Cloudy	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Light rain showers
Precipitation probability							
40%	20%	10%	10%	10%	10%	20%	30%

Forecast for Tuesday 11 Aug 2020

Weather: Heavy showers and thunderstorms, or longer spells of rain will gradually clear away northwards shortly after midnight to leave mostly dry conditions overnight and into Tuesday morning. It will be dry with bright or sunny spells developing into Tuesday morning. Largely dry with sunny spells through the afternoon. However, there is the risk of a few isolated heavy showers or thunderstorms breaking out late-afternoon and evening. Feeling very warm and humid too.

Chance of cloud free mountain/hill tops above 600m: Generally 90-100% throughout, but 30-40% chance in the morning, with cloud bases down to 300-400m on eastern peaks and summits.

Visibility: Generally good or very good throughout. Poor in low cloud early morning. Moderate in any heavy showers and thunderstorms later in the day.

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Forecast for Tuesday 11 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 NE	10/15 NE	11/16 NE	10/14 E	9/14 E	9/15 SE	6/8 SE	7/11 E	6/9 E
300	7/17 NE	7/15 NE	8/16 NE	6/11 E	7/13 SE	7/13 SE	3/6 SE	4/10 NE	3/7 E
Valley	5/11 NE	4/10 NE	7/14 E	6/11 E	5/11 S	5/11 S	4/7 S	4/8 E	4/10 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/13	15/13	15/13	17/16	20/20	22/21	21/21	19/18	18/18
300	16/15	16/16	16/16	20/21	24/24	24/25	23/24	20/21	18/19
Valley	17/17	17/17	18/17	22/22	24/26	26/27	24/25	20/22	19/20
Freezing Level*	3600m	3500m	3500m	3500m	3500m	3500m	3400m	3400m	3500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be high, therefore extra care will be needed if spending any length of time on the peaks in the strong sunshine. Lightning will be an additional hazard in thunderstorms during the afternoon and evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 10 Aug 2020	1mm	1mm	1mm

Forecast for Wednesday 12 Aug 2020

Weather: Cloudy, with heavy and thundery downpours overnight and into Wednesday morning. The showers are likely to ease during the morning, with bright or sunny spells developing. Into the afternoon, there is likely to be a mixture of sunny spells and scattered heavy showers and thunderstorms. Potential for slow-moving torrential downpours. Feeling very warm and humid too.

Maximum wind: East southeasterly 5-10mph.

Chance of cloud free mountain/hill tops above 600m: Generally 100% throughout, but 30-40% chance in the morning, with cloud bases down to 300-400m on eastern peaks and summits. Possibly lowering to 500-600m briefly in any isolated heavy shower and thunderstorm during late-afternoon and evening.

Visibility: Generally good or very good throughout. Poor in low cloud early morning. Moderate or poor in heavy showers and thunderstorms during the afternoon.

Temperature: **Valleys:** Plus 19 Celsius, becoming Plus 26 Celsius.
At 600m: Plus 17 Celsius, becoming Plus 22 Celsius.
Freezing level: Above the summits.

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